

(57) Abstract

The invention relates to a method for transmitting information in a communication system (1), which comprises at least a mobile communication network (6), in which information is transmitted from one or more transmitting devices (7a, 7b, 2) to one or more receiving devices (2, 7a, 7b). In the data transmission, at least one training sequence (s_i) is used, and in the receiving device (2, 7a, 7b), signals transmitted by at least two antennas (11a, 11b) are received. In the method, different phases of the same training sequence (s_i) are used in the data frames transmitted through different antennas (11a, 11b).

Fig. 1

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